

<b>Notice of Allowability</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/657,691	CARFAGNA ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	Igor Kershteyn	3745	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☐ This communication is responsive to \_\_\_\_\_.
2. ☒ The allowed claim(s) is/are 1-29.
3. ☒ The drawings filed on 08 September 2003 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
  1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |   |  |
|---|--|
| 1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)   | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)            |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                | 6. <input type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),<br>Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment                    |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material          | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance   |
|   | 9. <input type="checkbox"/> Other _____.   |

### **EXAMINER'S AMENDMENT**

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

The application has been amended as follows:

#### **IN THE CLAIMS:**

In claim 16, line 5, "fist" has been changed to --first--.

The above change has been made to correct typo.

#### ***Reasons for allowance***

The following is an examiner's statement of reasons for allowance:

The instant invention is deemed to be directed to an unobvious improvement to a method for removing pollutants from the air over U.S. Patent No. Des.341,881 which teaches a method for removing pollutants from the air, comprising: (a) providing a fan having a fan blade having a surface; (b) providing a sheet having a first side and an opposite second side, (c) attaching said second side of said sheet to said surface of said fan blade so that said first side of said sheet is exposed to the air; and, (d) causing said fan blade to rotate through the air; and an air purification device for attachment to a fan blade having a surface, said air purification device comprising: a sheet having a first

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side and an opposite second side, said second side of said sheet attachable to the surface of the fan blade so that said first side of said sheet is exposed to the air; and, so that as the fan blade rotates, said first side of said sheet collects pollutants from the air.

Regarding claims 1 and 29, the improvement comprises providing a plurality of sheets, each sheet of said plurality of sheets having a first side and an opposite second side, each said sheet having a tacky substance disposed upon said first side, said plurality of sheets arranged in stacked multi-layer relationship wherein said first side of each said sheet faces in a same direction, said plurality of stacked sheets having a top sheet and a bottom sheet, and each said sheet having a tab; attaching said second side of said bottom sheet to said surface of said fan blade so that said first side of said top sheet is exposed to the air; and, (d) causing said fan blade to rotate through the air.

Regarding claim 16, the improvement comprises a plurality of sheets, each sheet of said plurality of sheets having a first side and an opposite second side, each said sheet having a tacky substance disposed upon said first side, said plurality of sheets arranged in stacked multi-layer relationship wherein said first side of each said sheet faces in a same direction, said plurality of stacked sheets having a top sheet and a bottom sheet, and each said sheet having a tab; said second side of said bottom sheet attachable to the surface of the fan blade so that said first side of said top sheet is exposed to the air; and, so that as the fan blade rotates, said first side of said top sheet collects pollutants from the air.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### ***Prior Art***

Prior art made of record but not relied upon is considered pertinent to Applicant's disclosure and consist of four patents.

Matherne (Des. 306,198) is cited to show a method of removing pollutants from the air including the steps of providing a fan and attaching a filter to a blade of the fan but fails to teach using a tacky substance and a tab.

Kuryliw (5,341,565) is cited to show a method of removing pollutants from the air including the steps of providing a fan and attaching a filter to a blade of the fan but fails to teach using a tacky substance and a tab.

Antonelli (5,562,412) is cited to show a method of removing pollutants from the air including the steps of providing a fan and attaching a filter to a blade of the fan but fails to teach using a tacky substance and a tab.

Walker et al. (5,775,876) is cited to show a method of removing pollutants from the air including the steps of providing a fan and attaching a filter to a blade of the fan but fails to teach using a tacky substance and a tab.

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**Contact information**

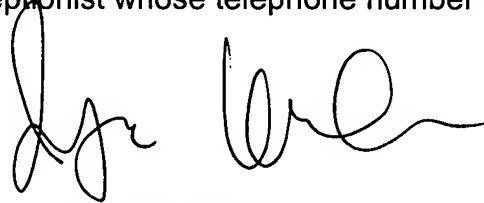
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Examiner Kershteyn whose telephone number is (703) 308 8317. The examiner can be reached on Monday-Friday from 8:00 a.m. to 4:30 p.m.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward Look, can be reached on (703) 308 1044. The fax number is (703) 872-9306.

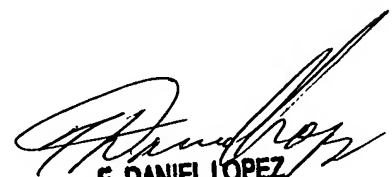
Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 308 0861.

IK

November 10, 2004



**Igor Kershteyn**  
**Patent examiner.**  
**Art Unit 3745**



**F. DANIEL LOPEZ**  
**PRIMARY EXAMINER**